

FORM PTO-1595

102479499 RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

	PATENTS ONLY	
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1.	Name of conveying party(ies): Bong-gi KIM 6.16-03	328
2.	U' U	10/461328
3.	Suwon City, Kyungki-do Republic of Korea Nature of conveyance: X	
4.	Execution Date(s): June 14, 2003 Application number(s) or patent number(s): ☐ This document is being filed together with a new application: (a) The execution date(s) of the application is/are: June 14, 2003 (b) The title is: OPTICAL PICKUP DEVICE AND METHOD FOR CONTROLLING ANGLE BETWEEL PIT AND MAJOR AXIS OF LASER BEAM OR ☐ This document is being filed after filing of the application:	N
5.	(a) Patent Application No(s)/, filed; or (b) Patent No(s), issued; or Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP	
6.	Total number of applications and patents involved:1	
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment) X Enclosed Authorized to be charged to deposit account.	
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account (Attach duplicate copy of this page if paying by deposit account))
9.	Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	10461328
	M. Choi, Reg. No. 4663/ Signature June 16, 2003 Date	00000003 10461328

Total number of pages including cover sheet: 2 ITHURN E002/21/90

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U.S. ASSIGNMENT

S&H I/W

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Invert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD 416 Maetan-dong, Paldal-gu, Suwon-city Kyungki-do, Republic of Korea

(hereinatter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

SOF LASER BEAM relation PCT/IP_cattent Application PCT/IP_cattent on even date herewith or, if not so executed	
(a) executed on <u>14 June 2003</u>	: (Invert date of execution of application, if not concurrent)
(b) filed on Sorial No;	Any registered attorney of STAAS & HALSEY ILP, 7110 Eleventh Street, N W , Washington, D C 20001 (2021434-1500) is hereby authorized to insort in (b) the specified data, when known
reissue or remamination application based thereon, if any extensions thereof (collectively, hereinofter, "said	r the full term or terms for which the said I enters Patent(s) may be granted and including
which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all papers were testimony, and obtaining and producing evident.	ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts or expedient, for securing, maintaining and enforcing protestion for said invention pplication(a) and the issuance of said Letters Patent(a), in any interference, relative, tigation or other legal proceeding which may arise or be declared in relation to same, such, including separate assignments and declarations, taking all rightful oaths, providing on
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which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all paperson testimony, and obtaining and producing evident IN WITNESS WHEREOP, the undersigned inventions	ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts or expedient, for eccuring, maintaining and enforcing protestion for each invention pplication(a) and the isotance of said Letters Patent(a), in any interference, relative, tigation or other legal proceeding which may arise or be declared in relation to same, such, including separate assignments and declarations, taking all rightful oaths, providing on the following and the providing one.
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which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all papersonn testimony, and obtaining and producing evident IN WITNESS WHEREOP, the undersigned inventor (Typed Name & Signature of Inventor(s)) 1) BONG-QY Kim	ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts or experient, for excuring, maintaining and caforeing protestion for estat invention optication(s) and the issuance of said Letters Patent(s), in any interference, relation, poligation or other legal proceeding which may arise or be declared in relation to same, such including separate assignments and declarations, taking all rightful oaths, providing one of the same assignments and declarations and rightful oaths, providing one (s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) 1.4 June 2003

RECORDED: 06/16/2003

PATENT REEL: 014185 FRAME: 0997